Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (currently amended) A system for at least one of transducing vaginal conditions, affecting vaginal or body conditions, and stimulating perineal musculature and nerves, in humans, comprising:

a single, separate unit in the form of a portable, non-implanted, combination probe, which integrates a transceiver, antenna and power source ~~that~~ and is adapted to be ~~self-applied by a human subject~~ inserted into the human vagina and is provided with means for at least one of sensing vaginal conditions, delivering signals or medication, and stimulating perineal musculature and nerves;

wherein said combination probe, which integrates a transceiver, antenna and power source, is provided with 2-way wireless communication means for transmitting information that is transduced and for receiving control and programming signals; and

a single, separate unit in the form of a combination controller and transceiver that is provided with wireless means for sending signals to said probe and for receiving signals therefrom;

wherein a wireless signal feedback loop is provided between said controller and said probe and which may be an interactive or closed signal feedback wireless loop.

2. (previously presented) A system according to claim 1, wherein said means of said combination controller and transceiver for sending signals includes means for wirelessly altering operation settings of said probe.

3. (original) A system according to claim 2, wherein said probe is provided with means for transducing in the form of a muscle contraction sensor.

4. (original) A system according to claim 2, wherein said probe is provided with means for transducing in the form of means for sampling cervical fluid or other changes in the vaginal environment.

5. (original) A system according to claim 2, wherein said probe is provided with means for transducing in the form of means for sensing at least one of temperature, pH, secretion viscosity, vaginal pathogens and atypical cervical cells.

6. (previously presented) A system according to claim 2, wherein said probe is a sealed unit which is adapted to be inserted "in-situ" into the vaginal vault or removed therefrom.

7. (previously presented) A system according to claim 3, wherein said means of said controller and transceiver for sending signals includes means for wirelessly altering at least one of: stimulation signal levels; a transducing sensor; and medication delivery.

8. (original) A system according to claim 3, wherein said probe is provided with stimulating means that includes means for automatic adjustment of stimulation levels in response to at least one of sensed muscle contractions and changes in the vaginal environment.

9. (previously presented) A system according to claim 2, wherein said probe is provided with stimulating means, and wherein said stimulating means is programmed to alter at least one of stimulation and medication delivery over a given period of time.

10. (original) A system according to claim 9, wherein said stimulating means is remotely adjustable via a wireless signal.

11. (original) A system according to claim 6, wherein said probe is provided with at least one of at least one conductive band and a sensor transducer.

12. (original) A system according to claim 1, wherein said controller and said probe are provided with a wireless means to transmit signals to and/or receive signals from external devices, networks, or databases.

13. (previously presented) A system according to claim 6, where said controller and transceiver is a hand-held unit.

14. (currently amended) A method of accomplishing at least one of transducing vaginal conditions, affecting vaginal or body conditions, and stimulating perineal musculature and nerves, in humans, said method including the steps of:

~~self-inserting, by a human subject,~~ inserting a portable, single separate unit in the form of a combination probe, which integrates a transceiver, antenna and power source, into the human vagina;

with said combination probe, which integrates a transceiver, antenna and power source, accomplishing at least one of transducing vaginal conditions, delivering signals or medication, and stimulating perineal musculature and nerves;

providing said combination probe, which integrates a transceiver, antenna and power source, with 2-way wireless communication means for transmitting transduced information and for receiving control and programming signals;

providing a single, separate unit in the form of a combination controller and transceiver that is provided with wireless means for sending signals to said combination probe, which integrates a transceiver, antenna and power source, and for receiving signals therefrom; and

providing a wireless signal feedback loop between said combination probe, which integrates a transceiver, antenna and power source, on the one hand and said combination controller and transceiver on the other hand.

15. (original) A method according to claim 14, which includes the step of transmitting and/or receiving signals, in a wireless manner, to and from external devices, networks or databases.

16. (currently amended) A system for at least one of transducing vaginal conditions, affecting vaginal or body conditions, and stimulating perineal musculature and nerves, comprising:

a single, separate unit in the form of a portable, non-implanted, intravaginally containable combination probe, which integrates a transceiver, antenna and power source ~~that~~ and is provided with means for at least one of sensing vaginal conditions, delivering signals or medication, and stimulating perineal musculature and nerves, wherein said unit is non-expandable and non-compressible in cross-section, and wherein said combination probe, which integrates a transceiver, antenna and power source, is provided with 2-way wireless communication means for transmitting information that is transduced and for receiving control and programming signals; and

a single, separate unit in the form of a combination controller and transceiver that is provided with wireless means for sending signals to said probe and for receiving signals therefrom, wherein a wireless signal feedback loop is provided between said controller and said probe and which may be an interactive or closed signal feedback wireless loop.

17. (currently amended) A system according to claim 1, wherein said unit in the form of a portable, non-implanted, combination probe, which integrates a transceiver, antenna and power source, is adapted to be self-applied by a human subject without the use of a tool.

18. (currently amended) A method according to claim 14, wherein said step of self-inserting comprises inserting said combination probe, which integrates a transceiver, antenna and power source, into the human vagina without the use of a tool.

19. (currently amended) A system according to claim 16, wherein said combination probe, which integrates a transceiver, antenna and power source, is insertable into a vagina without the use of a tool.